



COREICEPHOB TYPE-IV

Certified SAE AMS 1428

Type-IV Aircraft De/Anti-icing Fluids

COREICEPHOB TYPE-IV

Coreicephob Type-IV is designed as a "Propylene Glycol" based de-anti icing solution with a high endurance performance. Coreicephob Type-IV also designed for extreme conditions (-30,5 °C)

PRODUCT FEATURES

- Product conform Aerodynamic and Climatic acceptance of AMS 1428R and certified by AMIL.
- Product qualified by SMI Inc. on corrosion and environmental parameters.
- Product will be published on 2025-2026 "FAA HOLDOVER TIME GUIDELINES"

PRODUCT PROPERTIES

Density (20°C)	1.03 - 1.07 g/cm ²
Refractive Index (20 °C)	1.389 - 1.394
Surface Tension	33.00 - 36.00 dynes/cm
Appearance	green liquid
pH (as is)	6.8 - 7.5
COD	0.78 kg O ₂ /kg
BOD ₅	0.37 kg O ₂ /kg
Chemical Composition	50% aqueous propylene glycol solution with corrosion inhibitors

Minimum On-Wing Viscosities (SC-31/13R-10 mL, 20 °C, 0,3 rpm, 30 min.)

Neat fluid	50,150 mPa.s
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Maximum On-Wing Viscosities (SC-31/13R-10 mL, 20 °C, 0,3 rpm, 30 min.)

Neat fluid	60,900 mPa.s
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LOUT

Neat fluid	-29,0 °C
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ENVIRONMENTAL PARAMETERS

Aquatic toxicity

LC ₅₀ (EPA40 CFR 797.1300 Daphnid Acute Toxicity Test)	7,624 mg/L
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LC ₅₀ (EPA40 CFR 797.1400 Fish Acute Toxicity Test)	7,720 mg/L
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